

leave Camp - 234 -

GOOMER -

BOOBYAN - 250

TANSEI - 261

GOOMERI - 272

(trail, track - 285 - 250 m.

NANANGO - 309

STOP 403 - 319 4 ML. N. YARRAMAN

400 M., XI-23-62

@ woodland with scrub.

Rocky Hill School, just up prairie
Rocky Ck. large plain of flat
shells - variety of beetles, etc -
under logs & stones on steep
slope - Basically mixed @ woodland
area with this large patch
of tangled scrub growing beneath
occasional @ trees. Much land
in the environs fit for Yarraman &
Rocky H. School has been cleared
for pine & Arancasia plantations,
and some of these forests have reached
good size.

Some parts of the scrub are

very difficult to walk through. —
the growth is often thorny or tangled
with low trees & vines. — the
scrub might average 15 ft.
in height. Ground dry on surface,
recent rain dampened soil slightly
in spots, but soil was damp farther
down, under logs & stumps.
Sisters & some moss on stumps & trees.
partially cloudy morning.

200 spec.

YARRAMAN — 523

Aruncaria plantations —
Both species native in
patches of scrub.

340 — COO YAR

YARRVILLE SCHOOL — 347

440 M. — 10 MI. N.W. CROWS NEST

STOP 404 XI-23-62

Mixed E. woods — fantastic H. ants

Rocky Gorge Ck.

Mixed E. woodland, rolling countryside.
Trees about 50 ft. high, 10-20 ft.
apart — some grass on ground (not

the usual deep-thick grass. Rocks,
logs, & bit litter on ground. E.
sedges & acacias & other bushes
up to 8 ft. high, scattered here
& there, growing thickly in some
places. Ground moist from recent
rain. Amazing number of ant
species — big bulldog nest —
Cloudy afternoon.

on the Cooyar — Yarraman
Road.

200 spec.

CROWS NEST — 370

large pine, plantations.

HAMPTON — 377

400 WOOMBA — 400

OUR LADY HELP OF CHRISTIANS
SCHOOL

JACARNDAS

TOOWOOMBA - very pretty
gran. residential town on
Dividing Range - planning
were typical Australian
residences - neat & tidy.

JCN. - 405
BLANCHVIEW 407

STOP 405 - NR. TOOWOOMBA,
500 M., XI-23-62

Camp few miles S. of the city on a
back road down the escarpment to
the Brisbane Hwy., via a little farming
village of Blanchview - Camp in
step hilly country between the city
and Mt. Davidson & One Tree Hill.
Camp situated in a small grassy valley,
cleared with mixed E. woodland nearly
all around. Some farm disturbance
around, *Lantana* encroachment in
places. Cool night - 60°F, ~~clear~~ clear.
area mist from rain, grass
greening up. Black light collecting
rather poor - some spec. under
bark plates & logs.

200 spec.

600

44 - Camp

Sweepings - Picnic Point, TOOWOOMBA -
650 M. STOP 406 - TOOWOOMBA,

XI-24-62 Start morning stop at
picnic point, on the edge of the
great Dividing Range, overlooking the
city on one side - the plains on the
other. Mostly open E. woodland,
tall 40 to 50 ft. high with grass
cover. disturbed area with planting
of clover, etc. near parking & kiosk,
Lantana encroachment. Most of
one species of acacia - on
butterfly bush in swamp right
in town.

area mist from recent rain,
grass greening up a bit.

100 spec.

TOOWOOMBA 424

Additional specimens were collected
on the Brisbane Hwy., same elevation,
E. Woodland a grassy slope with
heavy *Lantana* growth - near
the kiosk C.B.P. station - Warm
sunny midday. Sweeping grass
& herbs.

GATTON - 447

HATTON VALE - 460

few spec - , legless lizard -

464 - 150 M. 4 MI. E. HATTON

VALE - XI-24-62 hilly ridge,

dropping down to Ipswich area -

cleared for pasturing - all disturbed -
Santalum encroachment, etc.

IPSWICH area - 483

STOP 407 - 15 MI. W. BRISBANE,

400 M., XI-24-62.

Out WATERWORKS ROAD, beyond "The

Gap", on the road to Mt. Nebo -

Camp on the top of a rather steep

sloping ridge in very hilly terrain,

Brisbane in view on the plain below.

State Forest land. Mixed C.

woodland, trees up to 70 ft. high growing

10-15 ft. apart - 8-ft. acacia

trees and some C. seedlings beneath

the open canopy, grass ground cover.

Block soil moist from recent
rain - grass getting green.
variety of ants, etc. Block light.
occasional Camponotus
fair - 60°F - clear.

peculiar green cicada 545 - GAP

300 spec. 538

BOOMBANA NATIONAL PARK
JILLY'S LOOKOUT ENTRANCE.

Additional spec. taken here, same kind
of woodland, farther up the road. 10°F,
cloudy morning.

7 MILES beyond "The Gap" suburb.

553 - Brisbane -

"MOSIES" - MOSQUITO

BEENLEIGH - 573 (C.W.)

TAMBORINE - 590

LEOPARD CK FALLS

STOP 408 — CEDAR CK. FALLS,

TAMBORINE, 180 M. XI-25-62.

Picnic spot on the road from Tamborine up Mt. Tamborine, located nr. the base of the mt. Road to the small falls passes along a small vale between steep sloping hills and stops in a small parking area surrounded by large C. trees. Hills all around slopes close to camp. Variety of C. trees & Casuarina on rocky slopes with C. & acacia seedlings & small shrubs up to 4 ft. scattered about in varying thickness ~~in~~ beneath them. Grass on slopes, deep at foot especially. Small vale, open area without trees in places - grass 4 ft. deep, milkweeds, broken ferns, etc. Part of vale under large C. trees, giving light shade - acacia & C. seedlings up to 10 ft, good for beetle. Variety of bushes growing along creek also good.

Grass greenish up; soil moist from recent rains. Many mosquitoes; beetles in small ck. pools. Black light, drawing from slopes & creek (25 ft away) - fairly good - variety. Partially cloudy evening, slight breeze in sheltered area of camp, but a brisk wind was blowing on the slopes higher up the mt. Sunny morning. Variety of flies at the black light. Colorful Katsdid.

600 spec.

JOALAH NAT. PARK

STOP 409 - CURTIS FALLS, MT. TAMBORINE,

400 M., XI-26-62, (nr.

North Tamborine) on road from Tamborine to N. Tamborine & Eagle Heights. General vegetation on Mt. Tamborine is fairly thick C. woodland, large trees, grass ground cover, but some rain forest persists in patches. Here, in JOALAH NAT. PARK, there is a large area of rich rain forest in a creek canyon at Curtis falls. The upper edges of the forest consist of a blending of tall Eucalyptus with a great variety of tropical trees & vines, creating an extremely complex flora. Deeper in the rain forest the tropical elements prevail, and buttress trunks, rattan palms, tall slender palms (in groves along creek), and large vines & tree ferns are much in evidence. The canopy is solid, the leafy forest floor very dark in places, sunlight filtering in only in small spots. Partially cloudy morning, slight rain for a few moments. Some net work, mostly Passalidae etc., in rotting logs, under stones (many rocks in some places) and leaf litter. Forest floor very damp.

200 spec.

inbirds - 450 M. 606 -

608 - 150 M. - 1 spec. -
2 spec. - 10 - 20 m. li
NR. CANUNGRA, XI-26-62

609 - JCN - COOMBERA R 612

JCN - 618 -

NERANG - 635

MERMAID BEACH - 644

MIAMI - 646

BURLLEIGH HDS - 618

10 - 15 - 20 - 650

W. BURLLEIGH

20 m. 656

STOP 410 - MT. TANBORINE, 450 M.,

XI-26-62

Short afternoon stop right on the edge
of the crest of the escarpment, small look
from the rather flat top of the mt. down to
CANUNGRA. top generally steep
up - farms & trees - escarpment
covered with C. & Casuarina woodland,
very steep slope, some rock faces,
deep grass, much Lantana encroachment
area, mist, grass green, sunny,
50 spec. warm.

inbirds on leaves, rock tops.

STOP 411 - 15 M. S.W. BURLLEIGH HDS,

50 M., XI-26-62

^{HDS}
On a road S.W. Burleigh, through W.
BURLLEIGH, up the TALLEBUDGERA CR.
valley, many picturesque farms,
Waller varrains until there is no
relatively flat land left. The road becomes
a tractor plantation (baruana) track
but eventually winds its way all
the way to Springbrook. One mt.
above the valley, the Pinnacle, is
2067 ft. high, & Baldy Mt. to the
north is 1602 ft. Camp situated
right along Tallebudgera Cr., here only
a few ft. wide, clear, flowing over
small rocks bed. Lantana encroachment
along bank & roads. Slopes rise
steeply on both sides, covered with
thick Eucalyptus forest up to 80 ft. high
with many palms and other tropical
elements mixed in. Undisturbed
forest. Black light - drawing from
creek only few ft. away (many
aquatic), and from forested slopes
and green grass all along creek
Some spec., fairly sunny morning -
for nearly clear evening, about 60°
by 9 P.M. Spec. just coming by
11 P.M. - mostly in early flight.
Many large sphyrzids.
400 spec.

Burleigh Hds. 677

COOLANGATTA 687

MURWILLUMBAH - 707

BRUNSWICK HDS - 727

BANGALOW -

BYRON BAY - 739 744

STOP 412 - CAPE BYRON,
5 M. XI-27-62

NEW SOUTH WALES

of Byron Bay situated on coastal plain
near rolling hills leading to the high rocky
cape with a light house. Camp in
camp ground #2 - last one before road
ascends to the light house. Camp in open
- Noctre clearing covered with grass -
- goldam - small beach on one side,
surrounded on all other sides by original
jungle flora - great variety of plants -
small C. trees, palms, and Banksias up
to 15 ft. high, Casuarinas, etc.
peculiar small Banksias & tangle plants
beneath, and very large cycads,
forming a really impenetrable jungle
in places. Typical seaside, windblown
look. Sandy soil, ~~rather~~ dry. Some
spec. under palm ^{rather} log. Black light.
Poor. Rather windy night, sunny
morning. Some spec. Taken in low
grass & shrub growth by the light
house also.

200 spec.

(Special beachside
floral combination)

BANGALOW - 752

BALLINA - 789

WOOLBURN - 791

MACLEAN - 823 826

MACLEAN

150 M. XI-28-62

STOP 413

Short stop on dirt road from town to
the lookout on the only large hill
adjacent to town, which is otherwise
on flat coastal plain. C. &
pals.

Casuarina woodland, letting plenty
of light in to deep grass and
misp shrubs & C. seedlings &
acacias in the understory. Hot
sunny day, area greening up,
but part of it burned over.
Great variety of insects, many
weevils sitting on acacia &
C. understory shrubs.

200 spec.

BL MAPRA - 846
S. GRAFTON - 855

J. GAP - 879

MANN R. 883

CANGAI JCN (3) - 874

MCKEL'S SPUR

STOP 414 Gwydir Hwy, E. side,
450 M. XI-28-62, GIBALTER RANGE

Steep escarpment covered with
thick mixed E. forest (and related
few eucalypts) with Casuarina
scrub in on the ridge. Camp
in flat clearing at base south
part way up the ridge, and
a ridge, dropping off on one side
steeply, cresting above camp on the
other; trees 50-70 ft. high on
the ridge, a few of large diameter,
with small bushes & seedlings
up to 6 ft. understory, with
grasses and many kinds of ferns
in the sheltered side.

Over the ridge is a steep canyon
deep, with trees on the 100 ft. tall,
mixed with various palms and
tree ferns; slopes covered with
many kinds of ferns; some climbing
ferns on trees, also vines and trees,
rocks slopes, & fallen logs.
Smaller plants of all sizes on

the canyon. Nights collecting very
poor, almost nothing (1 big frog) - storm
threatening; rain began to fall late
afternoon, periodic showers &
thunder all evening, clear morning,
some insects flying.

"MIDDLE BEND" in the gable
etc.

(either MCKEL'S or MCKEEL'S SPUR)
100 spec.

Camp - 901

STOP 415 - 909 1000 M.
DANDAHRA CK, Gwydir Hwy.

Summit, 5000 ft.

or. Summit XI-29-62

Short morning stop, weather clearing
up heavily. Short distance beyond
summit, in *Acalyptus* woodland,
large trees up to 80 ft. or so,
on rolling hills among large
granite boulders outcrops.
Understory - thick growth of
great variety of shrubs, including
little bushes and other *Mosses*



(GIBRALTER RANGE 911
(road dept. dept. ?)
DANDANRA CK.

Rocky Cr. - 932

GLEN INNES 953
Leave 954

Covered with white flowers.

→ Special grasses & reeds matted in,
the whole understorey being from
2-4 ft. deep, fairly thick.
Best canopy is not solid,
understorey gets fair light.
Immense black logs, some tree
ferns, and a few palms scattered
about, emerging above the ground
cover. Most specimens swept
from understorey, especially
flowering myrtles. Some ant
vials, etc., from under stones
& fallen limbs. Many ferns,
including climbing ferns, matted
in understorey.

200 spec.

GLENCOE - 967
4

911 4 MI. S. GLENCOE (STOP 416)

XI-29-62 1200 M.

Rolling Hilly countryside on the
Great Dividing Range, New England
Hwy. from Glen Innes to Armidale.
Pasture country, with much cleared
land. Most of the pastures, esp. on
rolling slopes, retain some trees,
and many slopes seem to be
covered with most of the original trees.

Camp situated on a broad ridge
in an open C. woodland, trees
up to 50 ft. high, with smaller
scattered Banksia trees 10 or 15 ft.

Trees spaced well apart, allowing
plenty of sunlight, full in many
places, to shine on the green grass
solid ground cover. Ground
rather rocky in places - rocks
fairly buried in grass.
Fallen logs & branches scattered
around. Slope drops off from
camp into a small creek valley
(grassy) below, out of view of
the light. Sweeping the grass

and broken fern patches was
especially productive here. and
on the ridge as well. Collecting
under strips of E. bark on certain
trees was excellent - many nettles.
Block light: partially cloudy afternoon
a evening, becoming very cool
later - light drizzling from
surrounding grassy woods - mostly
deciduous. Sunny bright morning.
Area moist & green.

2000 spcs.

995 1000 M.
Leave ARMIDALE - 025

NEW ENGLAND UNIVERSITY
GWENDA L. DAVIS &
PROFF. BEATLE

PSYLOTUM

URALLA - 040

WALCHA - 065

STOP 417 - APSLEY FALLS,
NR. WALCHA, 975 M., XI-30-62

~~40 M. S.E.~~ Polling gentle countryside.
Side road branches off the OXLEY
HWY. into falls only half a mile.
Open E. woodland, trees widely spaced
in some places, understory of grass
1 or 2 ft. deep. Apsley Creek flows
gently along small valley, with
myrtaceous shrubs, reeds, & deep
grass along its banks, & some small
acacias, etc. Few big weeping
millars introduced, otherwise original
flora mostly. Creek plunges over
sheer cliff into a very deep gorge
with nr. vertical sides, sweeping
white-flowered myrtles along the edge
of the cliffs, and succulent E. suckers
growth on a few cut stumps was
excellent; sweeping grass very good -
many OOOVATA along stream.
Camp & light - facing out over the
stream - some aquatic - rather poor
block light collecting - cool - (Possum
came). Warm sunny morning.

Orange-flowered legumes also along
cliffs, not much good. Some spec.
under bark & bark.

4000 spcs.

KANGAROO flat jrn - 103

STOP 418 - 40 MI. S.E. WALCHA
10.75 M.

overgrown ^{site} of an old store (probably) not far from a forestry camp. NR. MYRTLE SCRUB and SEAVIEW. ROAD., joining with the OXLEY HWY. Nearest real rainforest - 1/2 mile down the hill (S.E.). Rolling hilly country, before road descends gradually some distance from steepest grade down to YARRAS. Mixed C. forest up to 10 ft. high, large trees spaced closer than in woodland. Understory, filtered shade, of tree ferns and other ferns, grass, and C. & acacia seedlings, & various small bracken (acacias included), permanent understory plants. ^{store site} clearing: old fruit trees (cherries, plums, etc), small patch of grass and white daisies,

small pond, encroachment of deep blackberry & rose vines.

Most spec. under big damp sitting logs - area damp & green from frequent rains. Sunny, warm day. Growth is thickest in the gullies, and the forest canopy is more shaded. As in most pure C. stands, the shade is never dark or complete.

200 spec.

STOP 1 - 120

EMBROID STOP, few spec (2 spec.

under) - ~~2.75~~ W. - 200 M.

XII - 1 - 62 patch of *Leucaena* scrub, choppy up

steep hills. 7 MI. N.W. YARRAS
OXLEY HWY.

ELLENBOROUGH - 150

LONG FLAT 154

JCN - 157

BYADARRA - 183

STOP 419 - NR COMBOYNE

550 M. XII-1-62

Camp right at edge of N.W. escarpment, after a steep climb up from BYADARRA. From the crest on the countryside. Looked off into rolling hills, an area mostly cleared for grazing. Camp about 2 MI. N.E. COMBOYNE, very near the Comboyne General Cemetery. The escarpment is entirely wooded, parts sheer cliffs. Camp in fairly flat area very near the edge - Eucalyptus woodland, trees fairly close together, giving fair shade to the grass & fern understory. Block light - moderately cool (s fair), clear - poor collecting. Diurnal insects lifted - taken in the vicinity of a small creek, shallow gully, in which drops off a very high cliff - mixed woodland of E., acacia, & Casuarina, with tree ferns, blackberry and some tropical elements scattered along creek. Not much on ground in this thicker woods, some grass and grass all along the edge - plenty grass. Cleared small patches with growth of weeds & bushes - sweeping white-flowered composite bushes in sun. Good collecting under logs, damp soil.

200 sps.

COMBOYNE - 174

large flight of *Chalcids*, an acacia in the places

EMBUDS - (few sps.) - 183 -
550 M. 9 MI. S.W. COMBOYNE

on bank
grassy E. & Casuarina woods XII-2

300 M. 185 11 MI. S.W. COMBOYNE
(make lunch) XII-2

WINGHAM - 200

TARET - 206

COOLONGLOOK - 234

BULAHDELAH STATE FOREST
few NOTOLIGOS + few sps. (1 ant. viv.) -
160 M. 244

BULAHDELAH - 232

quick stop - 4 vials, male
cricket bottle - long wings

258 - 50 M.

6 MI. S.W. BULAHDELAH XII-2-62

MYALL R State Forest
BOOPAL - 271 - 63

RAYMOND'S TERRACE - 298

HEXHAM -

319 - NEW CASTLE

SWANSEA - 327

STOP 420 - NR. CATHERINE
HILL BAY, 60 M. XII-2-62

rolling hills half a mile inland
from shoreline - unique woodland
of several Eucalyptus species,
20-40 ft. high - some with orange
bark, some mottled - Casuarinas mixed
in - 2 species of Banksia, one small
tree, 1 low bush in an understory
of acacias & other legumes, strange
grasses, blackberries, dryads,
& myrtaceous shrubs all about
2 ft. high. Some acacia seedlings,
great variety of plants in understory.
Rather sandy soil, fair, dry, a
bit damp beneath large logs. Some
slopes stony. Block light - right
in woodland - rather poor (big
mosses) - Cool night, breezy.

Sunny morning - many cicadas.
Farther land to the sea the woodland
tapers off into

200 spec.

spectacular woodland of
several Eucalyptus species along coast -
orange bark, mottled bark,
etc.

WYONG - 359

GOSFORD - 367

sandstone hills with
peculiar flower - little
brushy in flower, at
old damaged school
house.

STOP 421 - 385 (150 M.)

5 MI. N. HAWKESBURY R. BRIDGE.

(Great stop, particularly for birds)

XII-3-62 Short afternoon stop, Pacific
Hwy. in hilly country, steep
ridges with sandstone ledges - very
rocky; soil sandy. Mixed E. woodland,
30 to 50 ft. trees widely branched
crowns, filtered airy shade in
patches of full sun. Understory of
low shrubs ~~etc.~~ - Banksias,
acacias, MYRTACEOUS & PROTEACEOUS
shrubs, small leaved & often thorny,
up to 3 ft. larger clumps in
creek gullies. Fairly dry ~~area~~.
Sword-leaved liliaceae. Flora
intact and not recently burned.
Deep leaf-litter in places.

100 spec.

HAWKESBURY R. - 390
HORNBY 405
407- PAP. JCN.

STOP 422 - ELANORA, NR.
NARRABEEN, 100 M.
XII-3-62

Short afternoon stop on a steep
hill slope above Narrabeen, very
near the centre of the little community
suburb of Clavira, just above a
dam across a small creek. Widespread
Narrabeen & the Coast. Low E. woodland,
esp. in vales, pure Chapparral of
Banksias, Myrtles, Proteaceous plants,
small acacias, etc on some slopes, up
to 4 ft. deep, with patches of low
reeds or sedges in wetter spots. Some
wild flowers in bloom. Sandy
soil, sandstone ledges here & there, via
fires recently, ground moist.
Spec. under stones and along creek
and reeds & cattails. by small
dammed lake: - *Lanceolipes*. *Coscinium*
(small) in Chapparral. Partially cloudy,
fairly warm weather.

150 spec.

JOHNSTONE'S CROCODILE -
CROCODILUS JOHNSTONI

ESTUARINE CROCODILE -

C. POROSUS

Few spec - "HOTEL" forest -
NR. BELROSE, N. SYDNEY
XII-5-62

Few spec - electric shop.

XII-6 ARTARMON, N. SYDNEY
Limbic

Small public beach - TOM UGLYS
PT., GEORGES R.
N. side GEORGES R. Bridge.

Switzerland 3,575

Royal Nat. Park : 125 M.

STOP 423 579

XII-6-62 First part - up the
hill from Audley (KIOSK) on Stevens
Drive - Sandstone ledges, steep rolling
hills. Open E. ^{ACACIA} woodland on the slopes,
trees up to 25 or 30 ft. tall, and down
to large shrubs, tapering off to
pure Chapparral 3 to 5 ft deep
on some exposures. Understorey
of mixed bushes, pine-like &
small-leaved, growing in sandy
soil. Great variety - several species
of Banksias from 2 to 10 ft. tall,
many small acacias, *Brevillea*,
and myrtaceous shrubs.
Soil very moist from heavy rain

the day before.

Camp farther along road, at 75 M.,
in ~~the~~ small gentle stream vale.
of sandstone formation. Trees up to
40 ft., widely branched, giving
filtered shade and open sun
also. Understory again of Banksia
acacias, peculiar grasslike sedges(?)
— all up to 6 ft. or 10 ft. in places,
fairly thick. Many Proteaceae
elements. Blackbays. Big sword-leaved
Liliaceous plant. Varieties of E. trees.

Permanent stream few ft. wide,
deep holes in places. Sweeping white-
flowered leptospermum-like bushes
and C. blossoms was good for Byrrh. etc.
species. Weather: partially cloudy
& cool night (no light collecting —
no light), morning — scattered
showers, entirely overcast & cool.
Abundant spec. under logs & stones.

No fire recently, though the E.
bark is still charred from fire
long ago. Flora in fine condition.

Camp in FLAT ROCK CK.
5 MI. S.E. AUDLEY on
STEVENS DRIVE

500
~~300~~ spec.

WATERFALL 594
SIANWELL PARK 603
SCARBOROUGH 608

AUSTINMER — 610
30 M. — Ambulance — XII-7-62

New spec.

E. clausenii wood — raining.

THIRROUL — 613

WOLLONGONG —
WINANDERRA — 630

DAPTO — 633 (40 M.) Ambulance

ALBION PARK — 640
Base of pass 646

STOP 424 MACQUARIE
PASS

350 M., 648
Camp XII-7-62

Camp not far from summit of pass,
9 miles from Robe, 2 miles from
bottom of grade. There are some nature
reserve picnic spots off the road, small
grassy clearings with tracks going
off in the bush. Many Eucalyptus
forest with a variety of understory
(small) trees up to 15 ft. high — a
mild zone. Lots of bracken ferns;
just leaf litter & rotting logs in
the dense shade of some understory

tree, a shrub; Many leeches.
Scattered showers, heavy rain in the
evening & night. Black light poor.
Forest soaked. Next morning clear and
sunny - good collecting. Black light -
cold, raining - poor.

300 spec.

Robertson - 659

STOP 425

760 M 655

XII-8-62

ROBERTSON

Short morning
stop in the Robertson NATURAL PARK -
a small ~~pitch~~ patch of native vegetation
on a gentle knoll in the otherwise
cleared & distended rolling high
country. This woodland is short -
up to 30 or 40 ft. at the most, very
dense, nearly solid canopy, with
a tangle of understory plants, all
giving heavy shade to the damp
massy rocks & leaf litter of the
forest floor. Ferns and tree ferns
here & there - tree ferns must once have
been more abundant but have been crowded
out - collecting under their old fallen

trunks and stumps were good - *Carabids* or
Centipedes, etc. Moss growth on trees
& rocks is extensive.

Same spec. taken around the edge of
the park, sweeping seedling grass and
blossoming privet, escaped from a garden.
Black berry encroachment.

Acacia (black) prominent
trees in the plant assoc., but many
Planchon tropicobellensis & *Acacia*
present. No *Eucalyptus*.

Warm sunny morning, forest
very wet from couple of days of
rain.

800 spec.

MOSS VALE 670

Sutton Forest - 673

STOP 426 - 678 -

(POSS ROADS) 700 M.

8 MI. S.W. MOSS VALE, XII-8-62

Short stop where the Robertson - Moss Vale
road intersects the Plumbe Hwy. -
no. Black Bobs etc. Mostly cleared
grazing country, rolling gentle hills.
Here, by a creek, there is
an area of open grassy woodland -
Acacia & *Eucalyptus* - and small
bushes & black berries. Just open
grass, little shade under trees -

many branches & logs & stones to
turn - Sweeping grass, fair.
area very moist from couple days
rain. Cloudy cool weather.
Heavy shower stopped collecting.

300 spc.

MAKULAN - 696

GOULBURN - 714

JCN - 722

CANBERRA 772

STOP 427 - COTTER DAM, A.C.T.

500 M. XII-8-62

Camp in the public campground along
the river nr. Cotter Dam, in
a small V valley with sloping
rolling hills on both sides. Slopes
across the river - native grassy
hillside with open, wood land -
well spaced trees. Casuarina &
denser along stream, heavy bladderbush,
evergreen shrub - some patches of
bracken fern. Large leptospermum
bushes up to 15 ft., mostly in full
flower, growing in the vicinity of
the stream, were excellent sweeping.

grass on the hills & flat of camp
area was also good sweeping. Collecting
under O. bark very good, and under
stones on some rocky slope.
More leptospermum & other small
bushes grow in patches on the
slopes. One slope supports a E.
plantation. Weather - Cloudy & cool
night with showers. Black light -
poor. Clear, sunny, & warm
all next day. Rain had fallen
for a couple of days, and the stream
was swollen. Strong wind came
up by mid day. Ground moist
& some heavy rain - grass
seedling but greened a bit from
rain.

2000 spc.

STOP 428 - BLACK MTN -
760 M., XII-9-62

(cool night, nearly full moon) Collected nr.
the road to the top of the mtn. (T.V. str.) -
O. woodland, mixed small trees up to
40 ft. high with peculiar gymno-
sperms here & there underneath, up to
15 ft. Slopes of mt. here rocky, with
some grass, small bushes, & leaf
litter on ground - wet from
recent rains. Warm sunny afternoon
(day before)

camp a black light - on lower slopes
of hill at the tourist camp - mixed
E. woodland, mostly white-barked,
with grass and E. seedlings.
small acacias & little bushes up
to 2 ft. (acacias up to 8 ft, gymnosperms
up to 15 ft.) - low open understorey.
Cold clear night, nearly full moon.
Black light - poor.

[MOUNTAIN PARK MOTOR CAMP]
(Canberra) 200 spec.

Canberra - leave - 825
HALL - 832

M. 897

YASS 859

BOURHAM 879

JUGIONG - 878

COOLAC - 910

GUNDAGAI 922

Californian scrub -
weeping willow

TUMBLONG - 930

habitat, few spec. 275 M.

935 - 5 MI. W. TUMBLONG

XII-11-62

JCN WAGGA 746 WAGGA

STOP 429 - WAGGA, 200 M.

XII-11-62. Camp in large flat
grassy piece of Crown Land nr.
town, situated right on the bank
overlooking the wide MURRUMBidgee
River, muddy from rain upstream.
No rain here - wet ground, but in afternoon
a good shower wet the grass a bit -
Partially cloudy afternoon & evening,
very cool wind blowing, calming a
bit later. Black light - NIL - too cold,
full moon. Sweeping herbs along stream
bank, and among a group of old
weeping willows along the bank
area, produced some flies, etc.
Grass very much grazed by mice.
Cows, still a little green, top green
in shade of willows. Field entirely
open except for widely scattered very
200 spec large gum trees.

STOP 430 - WAGGA AGRIC. COLLEGE,

275 M., XII-11-62. Collected briefly
on the only prominent hill
behind the college. Hill of granite,
with much soil between scattered granite
mass & broken - covered granite rocks
at all angles. Mixed woods of small
E. trees but mostly cypress pine up
to 30 ft. tall, growing fairly close

a few decid. bushes in patches,
ground covered with grass
and sypress needles. Area very
dry, grass brown. View from
hill - looks over rolling country
mostly cleared for grazing &
wheat, with scattered E. trees -
very California-like.

Partially cloudy afternoon, all
sunshiny, brief light showers.
150 spec.

WAGGA - 992

URANQUINTY - 001

THE ROCK - 010

YERONG CK - 029

HENTY - 029

CULCAIRN - 040

GREGORY - 051

STOP 431 - 062 8 MI. N. ALBURY

250 M. XII-12-62

Low hills, open wood land of
mixed E. species, some large
trees 40 ft. high with
broad crowns. Collecting mostly
under E. bark stripes. Some
stones. Granite hill sandy
soil - moist beneath stones

Trees well spaced, with some
small young E. trees. Grass ground
drier, rather than E. brown.
Cool, but sunny & windy.

~~On the Hume Hwy about~~
1 mile ~~W~~ N. where the WAGGA -
CULCAIRN road meets the
Hume Hwy.
300 spec.

ALBURY - 070

WODONGA - 075

BANDIANA - 079

YACKANDANDAH - 094

(Sweep - 096 - 250 M.
XII-12-62) (NR. YACKANDANDAH
XII-12-62)

MURTFORD - 117

POREPUNKAN - 133

STOP 432 - VICTORIA: E. BASE MT.

250 M. XII-12-62

BUFFALO

(fireplace across from BUFFALO
HOUSE) 800 spec. Sunny

afternoon - Cool night - cold in bed.

POREPUNKAH JCN - 140
BRIGHT - 144
HARRIETVILLE - 160

163 - 750 M. 3 MI. S. HARRIETVILLE
XII-13-62

first stop on ridge - no METO S.
fluvial. nice ground
steep slopes. E. forest, continuous
canopy. interesting at low shrubs.

STOP 433 1150 M.
169 9 MI. S. HARRIETVILLE
XII-13-62 250 spec.

yellow. pea - many in flower.
dark. maple. Eucalyptus forest
mostly 1 species (small - checked gray
trunk) trees 50 - 60 ft. high.
steep. it branches, assuming moderately
close together, continuous canopy.

fairly continuous understory, in the
good light let in by interlocking canopy,
at 1 particular species of legume 3 or
4 ft. high at most, with orange-yellow
flowers, in flower now. Occasional
small trees (a very little grass) at
the top. Stopped briefly by the
road (BRIGHT - MT. HOTHAM) - (ALPINE
ROAD) where old logs & rocks had
been pushed aside by frost
road marks. Good collecting in dead
stumps & rotting logs, under
stones. Also moist, overcast -
overcast & cool. Some net
collecting also. Not much on plain
flowers.

173 - ST. BERNARD

STOP 434 - 1375 M. 173

alpine, white salix -

ST. BERNARD, MT. HOTHAM, XII-13-62

1000 spec. at St. Bernard, on the ALPINE
Road, there is a red. gen. branch to DARCO
HIGHLANDS. Spec. taken on a ridge
about 1/8 mile up the Hotham slopes from the
scars - still below the tree line, but
- the trees give away on part of this
ridge - small grassed snow game,
then to patches of low grass.

and small 6" to 1 ft. bushes - with clumps of cushion plants - a l alpine type growth. On protuberances over the top of the ridge below the road; at the edge of the 6 to 8 ft snow gum & there are larger shrubs up to 3 ft. of various sorts. Sweeping these and the grass in the open areas yielded all the specimens from this stop - mostly a few from under stones & logs, very cold dry wind, cloudy day.

STOP 435 177 MT. HOTHAM, 1700 M.
 1640 M. bare ridge. 1750 M. - XII-13-62
 (Limbic) LITTLE BALDY. Spec. from near and below the 6100 ft. summit - from the tree line up. The stunted snow gum, often only 3 or 4 ft. high, finally give way to alpine-like low ground cover on the rounded stone-littered ridges. Many spec. under stones on these ridges. Snow covers the area in winter, and several large patches remained on the slopes. 1 layer spec. collected dead or dying on the snow banks. Cloudy, very cold day, strong dry wind blowing across the ridge.

400 spec.

HOTEL 179

STOP 436 - 191 13 M.I.S.E. MT.
 1250 M. HOTHAM

Sweep white flowers - XII-13-62
 plant name,

O. trees, mostly snow gum, growing closely in a tight wood, letting plenty of light through to an understory of short grass, scattered orchids & small flowers, herbs, and low bushes. Ground very moist, grass green, littered with branches & leaves - not much plant growth right around tree bases. Spec. taken under logs. Many diptera swept from a boggy wet meadow clearing, drained by a small creek - variety of heather. Like shrubs & others with small or early leaves - many in flower with white blossoms. Grasses and deep clumps of sphagnum moss between bushes (3 ft.) - trees only about 20 or 25 ft. high. Pools along stream. Very cold, cloudy day.
 800 spec.

OMEA - 213

~~SWIFTS CK.~~ - 227

STOP 437 3 MI. N. SWIFTS CK.
300 M., XII-13-62 1000 spec.

Camp on the + AMBO R.
Fairly wide valley - camp situated
quite close to the river, swiftly flowing
over gravel bed - large meeping
mallows, some E. trees, and many
10-20 ft. acacias along stream.
Areas of *Leptopodium* bushes 5-10 ft.
growing in gravel s. bed. Old
flood plain (sandy soil) covered
with fields of broken fern &
grass. An old gravel drainage
no. camp - extensive encroachment of
all sorts of weeds - *Juncea*,
thistles, etc. etc. *Phytolacca*.
Sweeping grass & broken good -
spec. of *Acacia*, E., and *Leptos.*
Additional spec. under logs & stones,
steep rocky slope with scattered
E. trees & grazed grass - part
of hilly pasture land mostly cleared.
Grass dry, soil moist from recent
rains. Cool partly cloudy evening - very
good - not much at light.
Cloudy morning, clearing to sun
early.

SWIFTS CK - 233
DOCTOR'S FLAT 256
ENSAY - 279

(WATTLE CIRCLE CK. 251)

STOP 438 - 200 M., XII-14-62

251 7 MI. S. ENSAY

up small track to BULLUMWAAL,
at Omea Hwy, very near, WATTLE
CIRCLE CK. Rolling valley, cleared,
with grass. Large acacia trees
in flower. Broken fern &
black berry encroachment. Steep
slope, E. woodland with
occasional acacias of nearly
equal height. Acacia thicket
at the edge of clearing (large leaved
acacia like *Cob.*) Some parasitic
pine-like trees here & there in woodland.
E. trees mostly small - up to 40 ft.,
rather thin but spaced close together -
offering little shade. Slope but
not bracingly dry - moist first
now. Very rocky - some spec.
under logs & rocks. Few wet
spec. from acacias & white
campanula bushes.
150 spec.

TAMBO CROSSING - 257
BRUTHERN - 277

STOP 439 - 291

200 M. 4 MI. N.W. NOWA NOWA

big JAPIX XII-14-62

thick forest.

(right at NOWA N. JCN.)

thick forest - trees up to 70 ft.,

all sizes & seedlings in between.

Small acacias, etc., scattered

in understory. Broken ferns on

ground. Fire had been through

perhaps the season before. Spec. under

logs, some with moss. Ground and

leaves little very moist. Warm

sunny afternoon.

150 spec.

295 - NOWA NOWA

ORBOST. 218

329 - JCN.

CABBAGE TREE - 335

BELL BIRD - 343

10 KEMICK - 347

348 - Dub. - 349

Buller's 349

BLMM R.

STOP 440 LIND NAT. PARK

330 150 M. XII-14-62 300 spec.
Camp on Blmm R.

Cool, clear, evening - almost nothing at
light. Sunny, cloudless, morning,

warmer. Fairly near CLUB TERRACE.

(about 2 miles from the road join to C.T.) -

Fairly flat area in the bottom of

a winding river canyon with steep

rolling slopes. Open C. woodland, large

trees with open areas, understory

of all sorts of acacias, C. saplings,

ferns, legumes, etc., forming in places

a very thick continuous cover up

to 4 ft. deep. In the flat valley

bottom around camp the understory

reached 6 ft. deep. Area once possibly

a bridge. Camp, many small rocks, etc.,

now unused, etc. - Many open clearings,

encroachment of two decorative orange

composites (1 everlasting). Tree ferns

15 ft. common in valley bottom.

Blmm R. is lined with dark-leaved green

trees forming a thick tangle, rather

tropical. Tree composites common. Fern

common along stream. Few additional

spec. from BRIGHT LIGHT SADDLE, 850 ft.,

on ridge - same woodland 3 mi. further on.
Blmm R. passes through the W. side of
LIND NAT. PARK.

PODDY CK 251

few spec., Ambroid stop
650 ft. 353 BRIGHT
LIGHT SADDLE 337
LIND NAT. PARK.
(COMBINED WITH STOP 440)

TONGUE CK. 60 - REED BED P. 62

CANN R. 365

reedy ck. - 4 THUR. R. P.

MT. DRUMMER 318

STOP 441 - 7 MI. S.W. GENOA

Swampy flat area - little brush.

100 ft. XII-15-62 Mixed
woodland with fairly closed but
light canopy, undergrowth of small-
leaved bushes & reedy grasses
opening up to large boggy basin,
fairly flat, in otherwise hilly
country with few scattered small
trees here & there and a number
of smaller swamps - fairy trees (17
spec.). Many low bushes, reeds,
pec. figs, figlets, flowering mistle-
toe (Hesperis), grasses - sized
blacks, all only 10 or 2 ft. deep
in wet ground, with occasional
patches of red battle brush &
small C. saplings. Sweeping
through all of this provided the
only collecting here - short stop,
sunny day, very windy.

500 spec.

STOP 442 - 393 3 MI. S.W. GENOA

75 M. XII-15-62

(Lily - waterfall - orchids, no sapling
in nest) Sweeping white
flowers. (SCRUBBY CK. 378)
(last VICTORIA stop)

Very hilly terrain, mist C.
woodland on ridges & slopes,
with open canopy, sitting in plenty
of light. Poor soil, packed from heavy
rain. Leaf litter thin, beaten from
heavy rain recently. Small C. seedlings,
acacias, and often dense patches of
myrtaceous shrubs up to 10 ft. here
& there, many bushes of all small
sizes, right down to small-woody bushes
& grass clumps & little legume vines
forming a dicranium groundcover.

One slope above road had been
cut up & scraped down to bare earth
& rocky soil, and regrowth of white-
flowered myrtles in one place - good
sweeping. Vegetation somewhat thicker
down of the same type in the bottom
of Stream canyon below the road -
big granite boulders - open
stream, no tropical type growth -
sunny afternoon, very windy.

600 spec.

GENOA - 76

Burley - 406

BOYD TOWN 434

Reedy ck -

W's CK - 35

EDEN - 440

BELLBIRD CK. 43

N.S. WALES

STOP 443 - 4 MI. N. EDEN

150 M. XII-15-62

(spotted fog)

Wet. Sweep netting.

Mixed E woods with tall acacia
& Casuarina here & there. Stop
rocky ridge near top of a grade in
the road. Hillside country.

Trees fairly tall, giving moderate
shade. This area had been burned
recently and the understorey had not
grown back. Grass was coming up
green from recent rains, and a new
layer of leaf litter was forming.
Excellent collecting under logs & stones.
Sweeping white-flowered vegetation
bushes at the edge of the woods
across the road, unburned,
were productive.

Fairly warm sunny afternoon.

ON PRINCLES HWY

800 spec.

PAMBULA - 452

MIRIBULA - 456

(YELLOW PINCHER)

62

STOP 444 2 MI. S.E. WOLUMLA

150 M. XII-15-62

463

Canyon falling slopes of stream
canyon below road; open mixed
E. forest, trees up to 70 ft. high,
higher in the bottom of the
canyon. Close understorey of
mostly acacia and E. seedlings
about 6 or 10 ft. high, with grass,
small blackberry, & all sorts of small
bushes & legumes on the ground, not
forming a continuous ground cover however.
Soil black & rather sandy, with
much leaf litter in places. This forest
area all along the S. coast of N.S.W.
is highly subject to fire, and nearly
all parts have been burned recently -
some are still brown. This place, however,
has not been burned for several
seasons and the understorey is in
good shape. Area very moist from
recent rains. Black light - clear, rather
cool eve - about 1 degree per cent.
2 big moths. Sunny, clear morning.

NEWLAND'S CK - just
N.W. of where we drove down
in camp - very close.
H. MINIMA - off the PRINCE'S HWY.

100 spec.

7 MI. NW. HERMAN

WOLUMLA 465

BEGA 478

BROGO. 490 492

M. BROGO

M. MINIMA 96.2.

90 M. 97.1 BR.

9 M. S. BROGO^R BRIDGE

XII-16-62 1.8 N. BROGO (church)

BROGO (church-)

PRINCE'S HWY.

107

BEGA VALLEY LOOKOUT

125 M., 306.3 2 MI. N. BEGA
XII-16-62

2 MI. N. BEGA

BEGA 309

TATHRA 521

75 ft. Prinz and his wife
acorn. 2 cult. under stone on bank

XI-16 leaf litter (is ables) under
bottle 1 m. like white. flowered
mistle.

HANDOCK BRIDGE

RAT WILMAN RESERVE

N. SIDE BEGA R.

sea level

XII-16

523

TANJA - 528

BUNGA - 537 (STN.)

CUTAGEL L. - 544

BARRCOOT L. 546

BERMAGUI - 549

BERMAGUI -

20 M.

XII-16

HEIO, N. side of lake

JCN - Prince's Hwy - 557

TILBA TILBA 558

CENTRAL TILBA - 559

VICTORIA CK. 561.1

~~COO~~ State Forest

STOP 445 - 4 MI. N. CENTRAL TILBA,
50 M., XII-16-62

CORUNNA L.
Camp selling hills along coast - camp
on a little dirt track sloping gently
down from the Prince's Hwy. to a
large lake like salt water, fringed with
mudflats (esp. Casuarina) - water
some distance below and out of sight of
camp. mixed E. on the forest

tall, straight trees fairly close
together, up to 80 ft high, with
all sizes of young saplings underneath.
Mid story of oval-leaved black acacias
5-15 ft. high, with some adult
trees up to 30 ft. as an understory
of cycads (cassuarina) and grasses
and small shrubs which can
tolerate the filtered sunlight. Walking
is easy, and much of the ground
among the cycads is free of
cover — just open leaf litter with
fallen logs & branches — no stones.
Ground moist from recent rain.
Moderately cool but pleasant evening,
partly cloudy but distant lightning &
thunder. Clear, warm sunny
morning. Black light — on dirt
track right in forest —
fair (2 layers) —

200 spec.

CORUNNA STATE FOREST

Camp 63

CENTRAL TILBA - 56-

TILBA TILBA 25 M.

XI-17-62

3 C. U. T.

LITTLE DROMEDARY, CENT. TILBA

XI-17-62

150 M.

Old camp - 576

NAROOMA - 582

BODALLA STATE FOREST

BODALLA - 593

MORUYA - 608

BATEMAN'S BAY - 24

N. SIDE CLYDE R., BATEMAN'S

BAY - 5 M., XI-17-62

2 cult., few spec.

BENANDRA STATE FOREST

BENANDRA - 530

BATMAN'S B. F. KILOA S. F.

JCN. 640

STOP 446 - LITTLE DROMEDARY

CENTRAL TILBA, 150 M., XI-17-62

On the coastal side of C. TILBA the
dominant feature of the hills, rolling
coastal landscape is L. DROMEDARY, a
steep hill clad in mixed C. forest
with continuous canopy; grass,
vines, herbs, & shrubs up to 6 ft.
in the understory, plenty of leaf
litter on ground. not a weed for some

time. The lower slopes have been cleared
for grazing. The hill is surmounted by a
a craggy outcrop of granite supporting
a strange combination of non-local, at
evergreen shrubs & trees - *Leptocarpus*
etc. Many staghorn & other ferns & big
orchid clumps on lower covered
granite rocks. Warm sunny day -
ground moist from recent rain. Grass
pasture very green. Few spec. from
tree bark at nearby + ILBA + ILDA
100 spec.

STOP 447 - 2 MI W. KIOLOA

90 M. XII-17-62

CAMP - Rolling countryside, with
tall Eucalyptus forest (8-130 ft.) - straight
trunks & interlocking branches. Mid-story
of anal. leaved black Acacias 15-30 ft.,
with a photo *Caecilia* & mid-story
of broken ferns, tall grasses,
and small shrubs. Camp in the
bottom of a small gentle creek draining
right near a creek lined with a
Caecilia & mid-story of dark
evergreen trees, rather tropical
in appearance, with a third layer
of tree ferns under these. Ferns
from the primary discontinuous
ground cover in the heavy shade
along the small creek (water
stagnant now). Camp along the
road clearing, open area in
the forest. Continuation of the
fern & grass cover (2-4 ft deep)

right up to the road edge. Clear
warm afternoon & evening - Black
light - 1 layer, some aquatic. Overcast
but warm morning. No wind.
Sweeping the understorey, was very
good.
1000 spec.

Camp - 645 -

KIOLOA - 647

STOP 448 - 3 MI. N. KIOLOA,
near level. XII-18-62

(S. WILLINGA ESTATE)

about 4 1/2 miles on a dirt road to
the coast from TERNELL (on the Princes
Highway). Collected just N. of the head
which is directly opposite BRUSH I.
Dark, beaches with low rocks,
pools between, grassy pasture
country near the head. Behind the
the scrubland with occasional
clumps of stunted *Caecilia*. Woodland
of nearly pure *Caecilia*. Behind the
head opposite B.I., but N. of this - there
is a small (the primary coastal
flora) stretch, right up to the
head of the beach. Windblown trees
15-40 ft. high, getting larger
100 spec. further away. Some black
area green & moist.

(H WY JCN.
+ ER MEIL - 655)
P.O.

665 - B. URALL L.

ULLAULLA 668 - 669
15 M. XII-18

TO MERONG 697

90 M. 2nd, fo

699 ¹⁴ 18 spec.

Thinly overcast warm
sunny day. Huge
flight of termites re.
Tancary.

NOWRA - 711

STOP 449 - CAMBENARRA MTN.

LOOKOUT, 570 M., XII-18-62

From NOWRA, the route leads to Moss Vale
climbs the plateau escarpment very
steeply, and a branch road leads to
the lookout, a high point on Mt. C. overlooking
a spectacular view of coastal country. N.
of the drop off is a steeply sloping
ridge, and is also in the rain
forest, with poplars and tall trees,
moss, mushrooms, ferns, etc.
Camp in small flat grassy clearing
at the top, surrounded by a mist of A

both rain forest elements and E. elements, some
trees being immovable. Big boulders & rocks
cliffs along jungle, covered with moss
lichen & epiphytic ferns. Area
moist. Weather during the day, had been
sunny, warm, & thinly overcast & still.
By evening rain came - hard - with
thunder & lightning, and continued
through the morning. Pros. of collecting
not potentially excellent.

See Hume at the top.

100 APC.

KANGAROO VALLEY - 726

HIZPOY FALLS - 737

749 P.O. to an.

TOP MACQUARIE PASS, 5 MI. from
Rutherford, 550 M. XII-19-62

BOWRAL 775

MT. GIBROLTER - THE GIB -
750 M. - XII-19 778

BOWRAL LOOKOUT

MYTAGONG 781

BAGO 796

PICTON 806

PICTON - 806

STOP 950 ^{the} RAZORBACK (RANGE)

230 M. N. PICTON

cardstone
XII-19-62

150 spec.

PICTON 818

APPIN - 834

CAMP - 6 MI. E. APPIN.

350 M. XII-19-62

Pain, bony, coal & Ma
Black light (few spec under stone)
(no stop).

Camp in
at Acton, etc

WATERFALL -

SYLVANIA - 3 *Multusca*
few spec.

AUDLEY 880 (camp 883)

STOP 951 - WATTAMOLLA, ROYAL
NAT. PARK., 30 ft., XII-20-62

150 spec.

PLACET,

EMBIIDS in jungle - (started BOIACK. -
898 25 M.

HACKING R. CAN YON
STOP 452 - ROYAL NAT. PARK,
25 M., XII-20-62. 200 spec.

Camp at a small camp fire & picnic spot
on edge Carrington Drive, called CALALA.
An open grassy clearing with
a huge planted oak tree. Native
C. forest on the slopes of the sandstone
hills, with a thick growth of grass,
ferns, small shrubs and young
trees. The vegetation thickens along
the HACKING R. and rainforest elements
are quite common, with good patches
of rain forest here (tree ferns,
palms, etc.). ~~There are~~ ^{large}
large acacias, some in flower,
along the river. Cloudy, cool
weather. Area very damp, grass
green - extremely luxuriant &
green on the whole for C., probably
because of many acacias and
the rain forest elements.

5 YDNE. I - XII - 21

WINDSOR - 985
KUEHN JONG HEIGHTS - 34000
BILPIN - 008.

STOP 453 - THE JUNGLE - 015
MT. TOMAH 150 spec.
900 M. XII-22-62

Typical hilly Blue Mtn. terrain;
Mt. Tomah (about 3300 ft. at top) is
a high point in the area, and not
far below the gentle summit there
is a small road leading past some
private residences, one of which
"the jungle" (an inn) sells tree
ferns & other tropical plants.
The prehistoric vegetation is
tall C. forest with an understory
of tall shrubs, forming a continuous
layer, with tree fern evergreen.
In the jungle, however, as in many
other spots on the mtn., there
is a good patch of tropical jungle
growth forming an almost
impenetrable layer in spots
beneath the taller C. trees, some
of which are very large in diameter.
Mainly sunny, afternoon - sun
very hot. Spec. on tree & logs,
very moist leaf litter & ground; some
new collecting.

STOP 454 — NR. MT. WILSON
900 M., XII-22-62

Hilly Blue Mtn. sandstone country heavily forested with mostly scrub woodland, low trees up to 40 or 50 ft., without much trunk, widely branching, with ~~canopy~~ interlacing canopy, thin foliage, letting through plenty of light to a continuous cover of small bushes of all sorts, mostly small-leaved, all from 2 to 4 ft. Camp in a exposed ant flat area on a wide gentle ridge about 2 miles S. of Mt. Wilson town. Within a short walk back down the road climbs up another ridge, at the base and on the sides of which are patches of rainforest ~~with~~ and forested E. slope, taller trees with a mix of tree forms and occasional tall shrubs 15 ft., ground cover of ferns esp.,

with 2 ft. grasses and reeds in the flat areas near the bottom of the slope. Most of Mt. Wilson area is a fauna & flora reserve, but fires have been through several seasons back. Black light - cool partly cloudy night, mostly scrub (1 layer). Some spec. turning large & stores.

Sweeping bracken & other ferns, grasses and reeds in depressions ~~at~~ more productive, and sweeping *Leptospermum* are also good.

2000 spec. Warm, sunny morning with scattered clouds.

JCN — 033

BELL — 039 1075 M., XII-23-62

(Cantharis - partly covered, etc.)
Warm partly cloudy noon.

STOP 455 Typical Blue Mtn. sandstone country with ~~to~~ E. woodland (interlacing canopy), a bit thinner on ridges. Most spec. Sweep from 2 spec. white flowering shrubs along the road (*Leptospermum* & other). ~~What~~ in open areas. Woods understory - many kinds of

small-leaved bushes - aesculus, flax,
etc. Poor soil, plants look stunted.
Fairly sunny day. Area moist
from recent rains.

200 spec.

LITHGOW — 048 050
LIDSDALE ST. F. — 057
MT. LAMBIE 063
MEADOW FLAT — 070
SUNNY CORNER ST. F. — 073
YETHOLME — 075

900 M. 08011 MI. E. BATHURST

STOP 456 — Dry side of Blue
XII-23-62 Mtn. block, C.

(5 MI. W. YETHOLME) much smaller and
less luxuriant. Some areas along
Hwy. cleared for grazing, but here
there were clumps of trees
well spaced. Many large logs
on open ground good for turning.
Very little shade from these
trees. ~~Fairly sunny~~ partly
cloudy. Fanned dry, but
ground was slightly damp beneath
larger logs. Grass on ground,
heavily grazed by sheep.

Brown (Arist. spec. under logs &
C. bark (live trees).

150 spec.

CLANMIRE — 084
BATHURST — 091

STOP 457 — (embankment - artistic) —

900 M. XII-23-62

III MT. WIAFDON

2000 spec.

Typical Blue Mtn. sandstone plateau
country — light C. woodland, interfacing
to partly dissected escarpment —
trees branching down slope height on
ridge. On Bathurst - Mattle Flat
road — Camp at the top of a rolling
range — Dry side of Blue Mtn.
block. Special zone of small
C. trees with grey or white bark,
trees small (20 ft. high average,
1 ft. diameter), with occasional
clumps of grass and a few other
small plants beneath. Log & branches

resting on rocky ground. Camp
right in woodland, on a gentle ridge
bordered on 2 sides by small gentle
valleys partially cleared of trees (for
pasture). Saw grass in these
meadows with large clumps of
2-ft. grass. Sweeping these clumps
very good. Black light fair. Warm
afternoon, ~~fairly clear~~, cooling in evening.
Ground slightly damp. Stone turning and
log work good. Storm moved in
with rain by mid next morning.

WATTLE FLAT - 115

SOEALA - 121

ILFORD - 139

SAPERTREE - 155

Beautiful colors of C.

bark in rain - some
brilliant red - orange

160 - few spec.

850 m. longhamerate.
BEN BULLEN XII-24-62

BEN BULLEN - 161

CULLEN BULLEN 167

few spec. - (specimens in vial -
3300 ft. 3 MI. S. CULLEN BULLEN

Great Driving Range - XII-24-62

LITHGOW 183
HARTLEY 191

STOP 458 - LITTLE HARTLEY,

350 M., XII-24-62

Little H. is situated in a ^{gentle} valley in
typical ~~the~~ hilly Blue Mtn. country.
Much of the little valley is cleared or planted.
Spec. were taken on an extremely steep slope
nr. the road, the closest slope to the
town stores. Slope wooded with C. trees,
interlocking canopy; grass, and bushes
up to 6 ft. - Deep leaf litter
in places, some bare rocks & soil
on steepest part of slope. Cloudy,
cold day. Area very damp from
recent rain - some rain this day.
Stone turning, beetles on young
150 spec. C. trees.

MT. VICTORIA 196

KATOOMBA - 201

CAMP - Christmas Ave,
CANILL'S LOOKOUT, KATOOMBA
very cold, foggy, raining
continuously.

JOHN POTTER -
CLEAN RESTROOMS

